TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(Read instructions on the reverse side prior to initiating this form)*	DATE 9/16/03	TRANSMITTAL NO. 80

SECTION II - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by contractor)

TO:	FROM:	CONTRACT NO.	CHECK ONE:
Mr. Frank DeVita (3 copies) Dvirka & Bartilucci 330 Crossways Park Drive Woodbury, NY 11797-2015	URS Corporation - ROS 201 Willowbrook Blvd Wayne, NJ 07470	D004264	x THIS IS A NEW TRANSMITTAL _____ THIS IS A RESUBMITTAL OF TRANSMITTAL

SPECIFICATION SEC. NO. (Cover only one section with each transmittal)	PROJECT TITLE AND LOCATION
01651	Franklin Cleaners Site, Incorporated Village of Hempstead, New York

ITEM NO. *a.*	*(Type, size, model number, etc.)* *b.*	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. *(See instruction No. 8)* *c.*	NO. OF COPIES *d.*	CONTRACT REFERENCE DOCUMENT SPEC. PARA. NO. *e.*	CONTRACT REFERENCE DOCUMENT DRAWING *f.*	FOR CONTRACTOR USE CODE SHEET NO. *g.*	VARIATION *(See instruc. no. 6)* *h.*	FOR C E USE CODE *i.*
1	Plan of Operation - 2 copies to the Engineer and 2 copies for the Department		4			Approval		

REMARKS

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated.

Kenneth Sullivan, Project Manager

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by Item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

ENG. FORM 4025, May 91 *(ER415-1-10)* EDITION OF AUG 89 IS OBSOLETE SHEET 1 of 1 *(Proponent: CEMP-CE)*

cc: Jeff Trad - NYSDEC (1)
807260 file

SUBMITTAL 80

FLD4025.WKS

PLAN OF OPERATION

FRANKLIN CLEANERS SITE
Site No.: 1-30-050
Hempstead, New York

Prepared for

New York State Department
Of Environmental Conservation

Prepared by

URS

Wayne, New Jersey

Contract No. D004264
Rev. 0 - September 2003

edoc

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LIST OF ACRONYMS

AC	Alternating Current
CFR	Code of Federal Regulations
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
DO	Dissolved oxygen
FRP	Fiberglass reinforced plastic
gpm	gallons per minute
GWTP	Groundwater Treatment Plant
GWTS	Groundwater Treatment System
HDPE	High density polyethylene
HOA	Hand/Off/Auto
HP	Horsepower
HSO	Health and Safety Officer
LCP	Local Control Panel
MCC	Motor Control Center
MSDS	Material Safety Data Sheet
NC	Normally Closed
NCDPW	Nassau County Department of Public Works
NEC	National Electrical Code
NO	Normally Open
NYSDEC	New York State Department of Environmental Conservation
NYSMUTCD	Manual of Uniform Traffic Control Devises
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Administration
PC	Process Controller
P&ID	Piping and Instrumentation Diagram
PLC	Programmable logic controller
PPE	Personal protective equipment
PVC	Polyvinyl chloride
RH	Relative humidity
SDR	Standard Dimension Ratios
SPDES	State Pollutant Discharge Elimination System
SS	Stainless steel
TDH	Total Dynamic Head
TDS	Total dissolved solids
UPS	Uninterruptable power supply
VOC	Volatile organic compound

1.0 INTRODUCTION

This Plan of Operation is intended to summarize the operation of the Franklin Cleaners Site located adjacent to the Southern State Parkway between exists 19 and 20 East bound. The Plant entrance is from the Molloy College parking lot, Rockville Center New York. URS Corporation has been contracted by the New York State Department of Environmental Conservation (NYSDEC) to construct, operate and maintain the treatment system for 12 months.

1.1 System Design

Due to the presence of contamination in the groundwater, a remediation system was designed to treat VOCs in the groundwater. The overall design consists of groundwater extraction, air stripping the groundwater and treatment of the air with granular activated carbon. The treated water is discharged to the local stormwater sewer system.

1.2 Routine Operation

Routine operations at the treatment plant include but are not limited to:

- Monitor and maintain all subsystems within the treatment system;
- Perform sampling as noted in the Sampling and Analysis Plan;
- Monthly water level readings at all monitoring wells;
- Perform quarterly groundwater sampling from monitoring wells;
- Changeout of the GAC, as needed; and
- Maintain logbooks.

1.3 Startup Checklist

During the startup, URS will be handling contaminated groundwater from the two extraction wells. During this process, URS will perform the following:

- Confirm permit requirements;
- Operate the system and discharge treated water to the sewer system;
- Collect process samples and perform field testing;
- Adjust settings;
- Optimize the system as necessary;
- Collect influent, effluent and process samples and send to off-site certified lab; and
- Based on lab results, re-adjust setting as necessary until the effluent meets cleanup criteria.

URS has created a startup checklist, which will be used to confirm that each sub-system is operating as designed. See Attachment 2 for the start-up checklist.

2.0 STAFFING

The overall objectives of the project are to safely and efficiently perform startup, operate and maintain the treatment systems. Effective implementation of these tasks will require the combined expertise of a qualified staff of physically capable individuals including treatment system operators and technicians. Additionally, the project will require the direct supervision of an experienced administrative and technical management team to insure reliable and cost effective execution of the contract.

The following section provides a brief description of the staffing requirements. For further clarification, refer to the Operation and Maintenance (O&M) Site Safety and Health Plan (SSHP), submitted under separate cover. See Figure 2-1 for the Organization Chart and Attachment 1 for resumes of key personnel for the Franklin Cleaners GWTP.

2.1 Management Team

The Project Manager, Kenneth Sullivan, has been a member of the URS staff for over 11 years and is experienced with the execution of similar projects. Mr. Sullivan will be responsible for contract oversight on an administrative level.

Greg Gangemi will be the Plant Manager. Mr. Gangemi, who has gained experience on similar groundwater treatment projects, will be the primary contact for the Engineer during O&M. He will have overall responsibility of evaluating the system operation and establishing a strategy for the Operations team to meet the overall objectives.

William Mueller is the Project Health and Safety Officer and will assume overall responsibility for developing, implementing and enforcing the O&M SSHP for the Franklin Cleaners facility. The Collateral Health and Safety Officer, Greg Gangemi, who will be responsible for the day-to-day safety aspects at the site, will assist Mr. Mueller.

Ray Baranowski will perform the duties of Quality Control Representative during the startup phase of the project. He will be responsible for the quality control functions and check up for the project during shakedown.

2.2 Operations Team

URS will inspect the facility and equipment and make necessary adjustments once every 7-calendar days. Inspections shall be every Wednesday.

If the autodial system should issue an alarm, URS will notify the Department within 24 hours, if the plant cannot be restarted within 24 hours, URS will notify the Department immediately.

Greg Gangemi and Sam Morales of URS will be the part-time system operators for the Franklin Cleaners groundwater treatment plant. They will participate in startup and then man the plant on a part-time basis.

Members of the URS home office staff are also available to cover operating shifts as necessary. All operators will be responsible for the day-to-day system operations, monitoring and record keeping in accordance with the contract specifications.

2.3 Maintenance

Greg Gangemi will provide maintenance and supervision of all maintenance requirements. Sam Morales will provide maintenance assistance. Other qualified plant operators will perform specialized maintenance as needed.

2.4 Emergency Contacts

See Table 2-1 for list of emergency contacts.

2.5 Subcontractors

Subcontracted services required under this contract include, at a minimum, a NYSDEC certified analytical laboratory and a permitted activated carbon removal company. The current subcontractors are as follows:

- NYSDEC Certified Analytical Laboratory:

  Chemtech Environmental Laboratory Contact: Omayra Penas
  284 Sheffield Street
  Mountainside, NJ 07092
  Tel: (908) 789-8900

- Permitted GAC Removal Subcontractor:

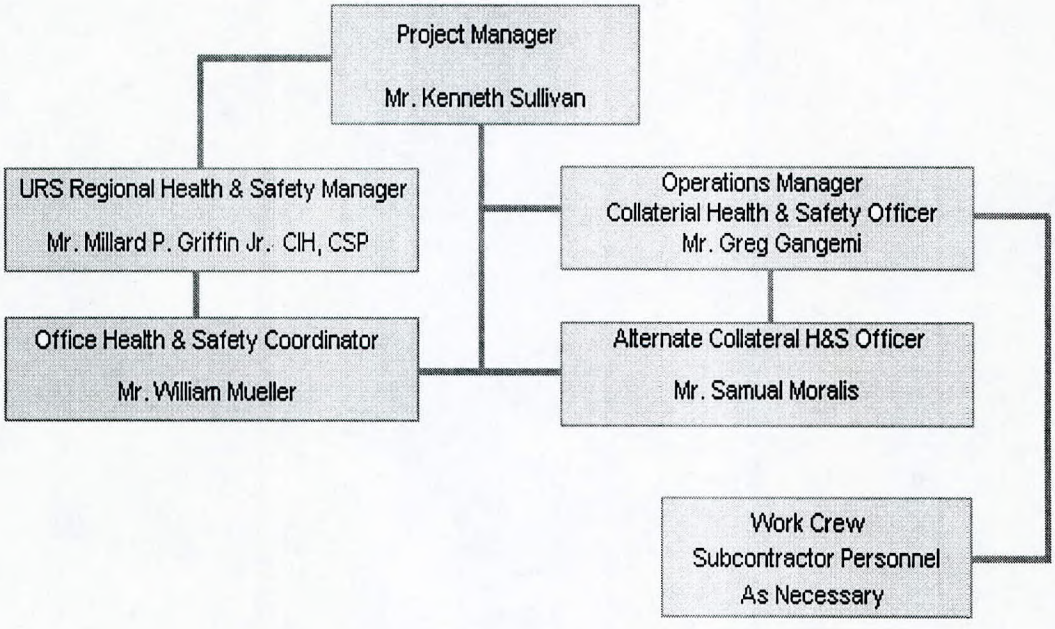
  Nichem
  664 South 21st Street
  Irvington, NJ 07111
  Tel: (973) 399-9810
  Fax: (973) 399-8818

If other specialty subcontractors are needed, copies of appropriate certifications, permits and licenses will be made available. URS will be responsible to ensure that all subcontractors performing activities on-site meet all pertinent rules and regulations.

TABLE 2-1 EMERGENCY TELEPHONE NUMBERS		
Rockville Center Emergency Medical Service (EMS)		(516)-742-3300*
Rockville Center Fire Rescue & Emergency Service		(516)-742-3300*
Rockville Center Police Department		(516)-766-1500*
NY State Police @ Republic Airport		(516) 756-3300*
Critical Care Facility:	Mercy Hospital Emergency Room 1000 North Village Ave Rockville Centre NY	(516) 705-1210
Non-Critical Care Facility:	Dr. Vincent Alfieri 292 Herricks Rd Mineola NY	(516) 294-8910
New York State Spill Response Hotline		(518) 457-7362
National Spill Response Center		(800) 424-8802
Poison Control Center		(516) 542-2323
WorkCare (URS Medical Consultant, Dr. Peter Greaney)		(800) 455-6155
Federal OSHA Hot Line		(800) 321-6742
URS Occupational Health Specialists:	Jeanette Schrimsher, RN	Work: (512) 419-6440 Fax: (512) 419-6440
URS Regional Health & Safety Manager:	Millard P. Griffin, Jr. CIH, CSP	Work: (770) 345-9760 Cell: (770) 315-5900
Office Health And Safety Coordinator:	William Mueller	Work: (856) 582-6000 Cell: (609) 970-1727
URS Project Manager:	Kenneth Sullivan	Work: (973) 812-6869 Cell: (908) 513-6434
URS Site Manager/Collateral Safety Officer :	Greg Gangemi	Work: (631) 845-5617 Cell: (631) 235-9422
URS Wayne, NJ Office Manager:	Kenneth Kaufman	Work (973) 812-6853
Divirka & Batilucci, Project Manager:	Frank Devita	Work: (516) 364-9890
NYSDEC Region I Project Manager:	Jeff Trad	Work: (518) 402-9414
NYSDOH (Nassau County)		(516) 571-3410
NYSDOH		(518) 474-2121
Rockville Center Electric Company		(516) 766-9273
Rockville Center Water Department		(516) 678-9252
Key Span Gas Company		(800) 272-4480
Natural Gas Emergency		(800) 490-0045

* Emergency Calls made with a cellular phone will require the caller to identify the exact location of the emergency to the dispatcher.

FIGURE 2-1 PROJECT ORGANIZATION CHART



3.0 TRAINING

3.1 OSHA HAZWOPER Training

All personnel who are involved with hazardous waste site activities have completed the 40-hour OSHA HAZWOPER training in accordance with 29 CFR 1910.120(e). All URS personnel maintain their annual 8-hour refresher training, as necessary.

All newly employed personnel will have completed the required 40-hour OSHA training.

3.2 Site-Specific Training

Site-specific training will be conducted for all new employees and for all new subcontractor employees.

3.3 O&M Training

All plant operators will be trained to interpret the readings and recognize potential problems. Operations and maintenance personnel will receive other training as necessary to efficiently perform their duties. Examples of such training are: lockout/tagout procedures; electrical safety; troubleshooting of equipment and instruments; etc.

Training will be performed at the facility on the following pieces of equipment:

- Submersible Pumps
- Submersible Pump Controls
- Air Stripper
- Pressure Blower
- Extraction Well Pumps
- Extraction and Treatment System Controls
- Carbon Vessels
- Containment Island
- Pressure Washer
- Influent Flow sensing System
- Flow meter
- Sump Pump
- Alarm System

4.0 START-UP AND SHUT-DOWN PROCEDURES

4.1 Operator Orientation

The following is an outline of the major subjects, which are to be covered in the orientation program required for all operators:

- equipment familiarization
- equipment operation
- testing procedures
- operation and maintenance
- safety

4.1.1 Equipment Familiarization and Operation

A thorough understanding and familiarization of the names of equipment and their operation will expedite corrective action being taken when an operator is required to perform certain duties.

4.1.2 Testing Procedures

Compliance and process testing is necessary for the operations of the GWTS. Therefore, operators should understand the test procedures. Explanation in this area should be made on how the waste stream is sampled, what parameters are being measured, the frequency required and the expected accuracy of the test procedures. Operators should have sufficient knowledge after reviewing the training manual, so they can perform these tests effectively.

4.1.3 Operation and Maintenance

Operators should be familiar with maintenance procedures. They can prevent downtime by making routine preventative inspections of the equipment prior to a planned shutdown such as to detect overheating bearings, improper lubrication and other obvious trouble areas. Operators should refer to vendor's data/catalogs (refer to O&M Manual, under separate cover) for specific equipment details and maintenance instructions.

4.1.4 Safety

Operators should be made aware of areas where slips, trips and falls due to spillage or obstacles could create hazardous conditions. Refer to the O&M SSHP prepared by URS for the Franklin Cleaners site.

4.2 Pre-Start-Up Procedures

This section covers the pre-start-up procedures that need to be taken.

4.2.1 Preliminary Steps

Check the circuit breaker panel in the MCC to be sure all breakers are "ON". If any breakers are tripped, note it accordingly in the operating log, and investigate the equipment on the circuit.

- Check the trip switches to be sure all switches are in the "ON" position.
- Inspect each of the major process vessels to ensure they are free of leaks.
- Identify on-line and standby equipment. Verify that valves associated with the on-line equipment are on-line (open) and valves associated with standby equipment are off-line (closed).
- As you turn on pumps and equipment, listen for any unusual noises and vibrations.

4.3 Start-Up Procedures

Before starting any system, thoroughly inspect the system for signs of damage. Use the provided P&ID to verify that the system has been connected correctly. Then, read the start-up procedure.

4.3.1 Control Panel 3 Phase, 240v

WARNING! – Do <u>not</u> power the panel until this procedure is complete. Damage to the panel may result.

1. Switch the disconnect to the "OFF" position and open the inner door. Verify that the inner door disconnect is in the "OFF" position.
2. Switch on the main incoming power to the panel. CAUTION! - The disconnect now has power!
3. Confirm that incoming power is 240 V on all three phases. If the incoming power has a "high leg" (a four wire delta system), measure the voltage from each leg to ground. It is critical that L1 and L3 to ground be 120 volts. Power for the control panel is taken from either L1 or L3. If the "high leg" (usually L2, 208V) is wired in the L1 or L3 position, the panel may be damaged upon powering the system.
4. Record the following operating conditions:

L1 to ground	_____	V
L2 to ground	_____	V
L3 to ground	_____	V
L1 to L2	_____	V
L1 to L3	_____	V

L2 to L3 _____ V

5. Be sure that all circuit protectors are reset.
6. Close the inner door. Make sure that all of the green HOA's (Hand-Off-Auto) are in the "OFF" position. Turn the inner disconnect to the "ON" position. The panel should have power. All of the alarm lights may be lit depending on the panel. If so, press the "RESET" button. If the alarms will not reset, an alarm may be tripped. (See Section 3.0 of the Carbonair O&M Manual for details.)
7. If the system was wired at CARBONAIR, then the motors will have been synchronized. Rotation needs to be verified on only one motor. To do so, bump any motor holding the HOA in the "HAND" position for no more than a second (rotation arrows are located most pieces of equipment). If rotation is backwards, have an electrician exchange the incoming power leads L1 and L3. Be sure to lock out and tag the main incoming power. Verify that there is no power with a multimeter.

4.3.2 Well Pump

1. Verify that all pump effluent connection have been made, and open all valves downstream of the pump. Close all sample taps.
2. Bump the pump to verify rotation by holding the PUMP HOA in the "HAND" position. The pump will work with any rotation. Correct rotation can be verified by monitoring the flow rate and back pressure of the pump. If the flow rate is about 50% or less of the performance curve, then the rotation is backwards. If rotation is backwards, have an electrician exchange two of the power leads. **Be sure to lock-out and tag the main incoming power. Verify that there is no power with a multimeter.**
3. If no there is no flow, then the pump is above the water level. Do not run the pump for an extended length of time without water. The pump height should be reevaluated.
4. Put the Pump HOA in the "AUTO" position. Throttle the pump to the desired flow. Record the following operating conditions:

PUMP motor amp draw _____

PUMP pressure _____

PUMP flow rate _____

Deadhead pressure (pressure w/pump effluent valve closed) _____

4.3.3 STAT, 3-Phase

1. Verify that all influent and effluent connection have been made, and open all inlet, outlet, and bleed valves to ensure that there are no restrictions on the blower. Close all sample taps.
2. Verify that the panel is operational and installed correctly (see panel start up procedures)
3. Bump the blower to verify rotation by holding the STAT blower HOA in the "HAND" position. Rotation arrows are located on the blower to signify proper rotation. If rotation is backwards, have an electrician exchange two of the power leads. **Be sure to lock out and tag the main incoming power. Verify that there is no power with a multimeter.**
4. Once rotation has been confirmed to be correct, put the STAT blower HOA in the "AUTO" position to start the blower. Let the blower run with no load for a few minutes. If the system has a bleed valve, close the bleed valve.
5. Introduce water into the system.
6. Once the system has reached operating conditions, record the following applicable operating conditions:

STAT sump pressure _____

STAT motor amp draw _____

STAT back pressure, if there is off gas treatment _____

Air flow rate, if a meter is available _____

Water flow rate, if a meter is available _____

4.4 Shut Down Procedures

CAUTION! – When disabling any motor or piece of equipment be certain that all source of power and fluid have been locked-out and tagged.

4.4.1 Well Pump

1. Disable well pump.
2. Remove all water from pump effluent line.

4.4.2 STAT, 3-Phase

1. Be sure all sources of water are disables.
2. Let system blower continue to run for 10 minutes.

3. Disable blower.
4. Remove all remaining water in the sump.

4.5 Start-Up After Shutdown

Before re-starting the system after a shutdown, all alarms will be reset and all switches on the LCP/MCC will be put into the "AUTO" mode. Now, the system can be started up as described in Section 4.3 above.

4.6 Emergency Shutdown

The plant is designed to shut down if an emergency exists. Shutdown conditions are discussed in Appendix C, Volume II of the O&M Manual for the Franklin Cleaners site.

5.0 MAINTENANCE AND LUBRICATION ACTIVITY LIST

See Attachment 4 for a copy of the Maintenance Activities Schedule and Attachment 5 for a copy of the Lubrication Activity Schedule. Also, reference the O&M Manual prepared by URS for the Franklin Cleaners site.

6.0 RECORDKEEPING

Monthly progress reports will be generated by URS and submitted to the Engineer. The progress report will discuss URS and the subcontractors' work activities, plant operation, maintenance, and other related work activities with applicable backup records. Refer to a sample of the monthly progress report, submitted under separate cover.

The operating team will be responsible for performing scheduled and unscheduled maintenance on all equipment. The office Support Team will also be available to assist in maintenance and repairs. Any repairs beyond the combined capabilities of the operators and field support team will be bid out to a qualified subcontractor.

Throughout the performance period of the contract, modifications to the O&M Manual will be incorporated, as necessary. Any changes will be submitted to the NYSDEC before changes are made.

7.0 SAMPLING AND ANALYSIS PROCEDURES

This section provides a brief overview of the sampling program associated with the operation of the Franklin Cleaners GWTS. The sampling program is designed to document compliance with the discharge permit requirements and monitor the performance of the groundwater treatment facility and allow the operators to evaluate and control the performance of the unit processes at the facility. For specific details on the sampling program, the Sampling and Analysis Plan dated June 2003, should be consulted, and used for guidance. A summary matrix for the sampling program and analytical methods employed at the Franklin Cleaners site are found in the Sampling and Analysis Plan.

URS prepared the site-specific Operations and Maintenance Manual, which is based on the current operating procedures. The Plant Manager shall revise and update this manual to incorporate any improvements to the existing operating procedures as they are recommended.

The Plant Manager will have overall responsibility for updating the Operation and Maintenance Manual for the system to reflect any changes in operating procedures, maintenance schedules, or safety practices. As-built drawings will also be revised as necessary. Once approved, the updates will be consolidated into replacement pages. Refer to the Sampling and Analysis Plan for further clarification.

8.0 SAFETY

A Site Safety and Health Plan (SSHP) has been prepared for the O&M of the GWTS at the Franklin Cleaners site. The O&M SSHP was prepared by URS and will be submitted under separate cover.

9.0 TRANSITION PLAN

See Attachment 8 for the Transition Plan.

10.0 PERMITS

10.1 Discharge Permit

The discharge permit equivalent for Franklin Cleaners has not yet been issued to URS, but will be inserted in Attachment 6 when it becomes available. This permit equivalent "provides New York substantive requirements for the contaminated groundwater uptake, treatment and clean water effluent discharge to groundwater".

10.2 New York State Office of Park's, Recreational and Historic Preservation

New York State Office of Park's, Recreational and Historic Preservation requires a permit whenever work is conducted along the highway, if a vehicle is required to enter and exit the highway and/or work along the shoulder of the highway is considered long duration.

10.3 NYSDOT Permit

NYSDOT requires a permit when work may interfere with traffic flow. Please refer to the NYSMUTCD (Manual of Uniform Traffic Control Devises).

11.0 GRANULAR-ACTIVATED CARBON MONITORY, PROCUREMENT AND REPLACEMENT

11.1 Description of GAC Procurement Process

URS's procedure for procurement of GAC is to develop a specification. This specification includes such information as a copy of the pertinent specifications from the contract, site name and address, site number, length of time to keep the quote open, delivery requirements, URS purchasing requirements

This information is then used to generate a Request for Quotation (RFQ) the RFQ which is then sent to pre-qualified bidders. When the bids are received, they are evaluated utilizing a bid evaluation spreadsheet. A recommendation is made to the Project Manager. The Project Manager then makes a decision and forwards the request for a subcontract to the subcontracting office; the subcontracting office reviews the purchasing records and then issues a subcontract.

11.2 Names and Addresses of Primary and Alternate Suppliers

11.2.1 Primary Supplier

Nichem
664 South 21st Street
Irvington, NJ 07111
Tel: (973) 399-9810
Fax: (973) 399-8818

11.2.2 Alternate Suppliers

US Filter/Westates
Christopher Rinaldi
Tel: 800-659-1717

Calgon Carbon
Susan Bonnet
Tel: 908-237-4600

General Carbon
Kelly Whelan
Tel: 973-523-2223

11.3 Material Safety Data Sheet for Carbon

See Attachment 7A for a copy of the MSDS for carbon.

11.4 Suppliers QA/QC Procedures

See Attachment 7B for Nichem Company QA/QC.

11.5 Vehicle and Driver Permits and Licenses

This will be supplied prior to changeout. At this time, the vehicle and driver are not scheduled. What can be provided is the vehicle insurance and registration, See Attachment 7C.

11.6 Safety Procedures

For safety procedures to be used during carbon changeout, see the Activity Hazard Analysis Table 7-2, Carbon Exchange, in O&M SSHP, submitted under separate cover.

11.7 Contingency Plan for Spillage and Non-Conformance

See Attachment 9 for a copy of the Spill Prevention/Control Plan for the Franklin Cleaners GWTP.

ATTACHMENTS

ATTACHMENTS

ATTACHMENT 1

RESUMES OF KEY PERSONNEL

KENNETH M. SULLIVAN

Education

B.S., Biology, Richmond College, City University of New York, 1976

Experience

Senior Project Manager, URS Corp., 1991-Present
President, Advanced Environmental Construction Technologies, 1988-91
Branch Manager, Enroserve North, A Stout Environmental Company, 1988
Regional Sales Manager, Waste Conversion, A Stout Environmental Company, 1987-88
Project Manager, International Technologies Corp., 1986-87
Operations Manager, IT Corp., USEPA Environmental Emergency Response Unit, 1982-86
Operations Manager, Hazchem Services, 1981-82
Branch Manager, AMO Services, 1980-81
Superintendent, Coastal Services, 1977-80

Relevant Experience

As Senior Project Manager, Mr. Sullivan is responsible for managing large field projects, preparing and presenting cost and schedule reports and project specific human resource management. In this role, Mr. Sullivan has been managing commercial and government projects since 1994 and has managed $40 million worth of work during this period. Mr. Sullivan has over 20 years experience:

X ***Project Manager, USACE Philadelphia District, Pepe Field Superfund Site, Phase I and II, Stabilization and Excavation of Landfill, Boonton, NJ, Value $13 Million, 1998-Present:*** URS was able to demonstrate the best available technology for stabilization of a hazardous waste Superfund Site. This enabled the project to proceed on schedule and a cost savings was realized by not having to demonstrate multiple technologies. URS over the course of the project stabilized, excavated and backfilled over 55,000 cubic yards of contaminated soil. URS received a Certificate of Achievement from the Philadelphia District in recognition of our safe performance over the last 2 years at the site.

X ***Project Manager, USACE Preplaced Remedial Action Contract, Oronogo-Duenweg Superfund Site, Phase I, Joplin, MO, Value $7.6 Million, 1996-98:*** Responsible for all aspects of the field work and participation in contract review issues. Operable Unit 2 of the site has been established to remediate lead contaminated soils in residential yards that are located in Jasper County, Missouri. This requires the removal of the soil from the residents' properties, transportation within the confines of the site, storage of the material at an on-site soil repository, and restoration of the yards.

X ***Project Manager, USACE Preplaced Remedial Action Contract, Helen Kramer Superfund Site, Sloughing Along Landfill Cap Fringes DO#12 and Emissions Control DO#10, Mantua, NJ, Lump Sum, Value $3.7 Million, 1993-94:*** Directed the preparation of the estimate, participated in the negotiations with the USACE site administration, and supervised the construction of the repairs to the landfill cap toe drain. This required the installation of an above ground force main and installation of a below grade interceptor trench.

X ***Project Manager, Cruz Construction, Tank Removal 180 Ramp, Paterson, NJ, Lump Sum, 1991***

X ***Project Manager Spring Air Mattress, Tank Removal, NJ, Lump Sum, 1990:*** Supervised the onsite activities during the removal of USTs.

X ***Project Manager, Ebasco, Co-Generation Plant Completion, NJ Lump Sum, 1990:*** Estimated and supervised the construction of parking lots, concrete retaining walls, headwalls and wingwalls.

X ***Project Manager British Airlines, Groundwater Remediation and Contaminated Soil Removal, Kennedy Airport, NY, Unit Price, 1990:*** Provided groundwater treatment systems and operation in support of other contractors during renovation. Removed POL contaminated soil.

X ***Project Manager, Mercer Hospital, Tank Removal, Trenton NJ, Lump Sum, 1990***

X ***Project Manager, Morse Diesel, Tank Removal, La Guardia Airport NY, Lump Sum, 1989:*** Participated in the initial site walk, prepared the estimate, negotiated the contract, supervised onsite activities which included the removal of USTs along with other environmental work regarding the demolition of the former Eastern Airlines hanger.

X ***Project Manager, Marcal Paper, NJ, Hazardous Material Removal, Unit Price, 1989:*** Performed site investigation and provided removal services for contaminated soil.

X ***Project Manager, JCP&L, Coal Gasification Plant Remediation, Unit Price, 1988***

X ***Project Manager, Diamond Shamrock Corp., Remedial Cleanup, Newark, NJ, Time and Materials, Winchester Tire Fire, 1985-86***

X ***Operations Manager, USEPA, Emergency Environmental Response Unit, Edison, NJ, Cost Plus Award Fee, 1984:*** Responded to various field environmental emergencies: Ambler, PA; Laskins Oil, OH; Seymore, IN; Bridgeport, IL; Maryland Sand and Gravel; Chemical Warehouse Fire, SC; Union Oil, Denver, CO; Denny Farm; and Times Beach, MO.

X ***Branch Manager, Con Rail, Train Wreck Emergency Response, Washington Twp, PA, 1981:*** Field Manager for first environmental cleanup units responding to train wreck, evaluated situation and implemented emergency actions to mitigate damage to the environment from overturned and leaking tankers.

Other Training

Primavera Project Planner
40-Hour OSHA Training
8-Hour OSHA Annual Refresher Training
CPR Certification
First Aid Certification
Concentrated Course in Construction Contracts

WILLIAM J. MUELLER

Education

B.S., Emergency Disaster Management: Matriculating, Gloucester County College of New Jersey

Registrations

Hazardous Material Technician, New Jersey, 1991
Level One Awareness, New Jersey, 1991
Level One Operations Plus, New Jersey, 1991

Experience

Health and Safety Officer, URS Corp., 1995-Present
Senior Health and Safety Scientist, Foster Wheeler Environmental, 1994-1995
Environmental, Health and Safety Technical Associate, General Electric Co., 1987-1994

Fields of Experience

Mr. Mueller currently serves as the Health and Safety Officer at the Lipari Landfill Superfund Project. Mr. Mueller is responsible for assisting the project manager in implementing project-specific health and safety programs and procedures. Mr. Mueller is also responsible for the recognition, evaluation, and control of occupational safety and health hazards for the project. He also ensures that all internal safety and health programs and procedures implemented are followed. Mr. Mueller is also responsible for providing the necessary training to site personnel for all health and safety related programs and procedures. Mr. Mueller is also responsible for monitoring on-site activities which include but are not limited to providing air monitoring, IH sampling, activity hazard analysis, confined space entry, record keeping, and emergency response drills and activities. Mr. Mueller has drafted, implemented, and tracked cost-effective occupational safety and health injury prevention programs which promote employee ownership. Through increased employee participation in safety programs, the site has experienced a zero accident/injury rate.

< As Senior Health and Safety Scientist, Mr. Mueller supervised a technical staff of junior health and safety scientist for the overall compliance of the site's safety, health and emergency response plan, for a 175 million dollar Superfund construction project. This included the drafting of addenda for the safe extraction, monitoring, sampling and emergency response measures for the retrieval of over eighteen hundred buried drums from a PCB contaminated lagoon. Mr. Mueller also developed a spill response team for on-site emergencies. Mr. Mueller also drafted and implemented an energy isolation program for the entire on-site incineration system.

< Mr. Mueller served as an environmental, health and safety technical associate for a Fortune 500 aerospace manufacturer. Mr. Mueller was program administrator for air and water permitting, risk assessment, hazardous material and hazardous waste reduction projects, and responsible for the collection, storage and shipment of the facilities generated hazardous

waste. Mr. Mueller organized several departmental teams whose goal was to reduce hazardous materials inventories and waste by a corporate goal of 50 percent. This goal was exceeded in all departments through the elimination of duplicate chemicals and the implementation of Just-In-Time ordering which cut down the inventory of age sensitive materials and reduced waste.

< Mr. Mueller drafted and implemented a Department of Defense contracting facility emergency response plan which included an organized fire response team, hazardous materials spill response team and a emergency medical services team which served a workforce of 500 employees in a 250,000 square foot facility. Mr. Mueller was also responsible for the coordination of refresher and advanced team-training programs for these teams. Mr. Mueller also served as the ergonomics task force leader

Other Superfund projects assignments include: Bridgeport Recovery Oil Services (BROS) Superfund Project.

Other Training

40-Hour HAZWOPER
8-Hour HAZWOPER Supervisor Training
First Aid and CPR
OSHA 10-Hour Construction
49 CFR Hazardous Waste Transportation
49 CFR 256.16(c) Hazardous Waste Management

GREGORY GANGEMI

Education

Applied Science, Nassau Community College, SUNY, Uniondale, NY.

Experience

Plant Operator / Collateral Health & Safety Officer / QC Supervisor, URS ROS, 2000-Present
Plant Operator, Chapman Inc., Atlantic Highlands, NJ, 1997-2000
Air Sampling Technician, Taylor Environmental Group, Floral Park, NY, 1996 – 2000
Junior Mechanic, Creative Plumbing & Heating, Corona, NY, 1993-1996
Maintenance, Midwood High School, Brooklyn, NY, 1991-1995

Relevant Experience

Mr. Gangemi has 6 years of experience in the environmental remediation field as a Plant Operator, sampling technician and as Site Health & Safety Officer. His experience includes serving as a Site HSO, performing oversight of petroleum tank removal, confined space entry, hazardous waste disposal and cleanup, and emergency spill response. He has also performed soil and water sampling.

- ***Health & Safety Officer and Assistant Site Supervisor, Franklin Cleaners Site, Hempstead, NY, August 2002 to Present***: Support Site Manager with construction of the groundwater treatment system. Responsible for the day-to-day health and safety protocols. Provided QC and oversight of subcontractors. Assisted with preparation of technical submittals.
- ***Pipe Installation Supervisor, JFK Airport, NY, June to August 2002***: Supervised the installation of 20 underground pipes at an active airport terminal. Performed pressure test of pipes after installation.
- ***Plant Operator/Collateral Health & Safety Officer/Sampling Technician, Circuitron Superfund Site, East Farmingdale, NY, May 2000 to Present***: Supports operations and maintenance of the groundwater treatment system. Responsible for daily health & safety issues. Oversaw confined space entry by subcontractor into a 9-ft reinjection vault.
- ***Flare Plant Operator for Chapman Inc., New York City Department of Sanitation:*** Responsibilities included operation and maintenance of flare plant; conducted daily inspections of control panel readings; collected gas readings at sample ports and at landfill well heads for proper gas extraction with LMSx Multigas Analyzer; calibrated testing equipment; conducted maintenance on Lamson blowers and Toshiba motors; maintained daily logs for client use; and downloaded data into Microsoft program.
- ***Wastewater Plant Operator for Chapman Inc., Port Authority of New York and New Jersey:*** Responsibilities included operation and maintenance of the fuel farm wastewater treatment systems at John F. Kennedy International Airport; operation of two 300,000 gallon per day water treatment plants; supplied process chemicals, sampling influents and effluents; analyzed and adjusted process rates; prepared discharge monitoring reports (DMRs); responded to emergencies; interacted with city, state and federal agencies.
- ***Air Sampling Technician for Taylor Environmental Group, Floral Park, NY:*** Conducted asbestos abatement monitoring; handled sample collections; responsible for custody procedure and documentation; performed asbestos inspections; provided sampling services at power plants for Con Edison and Long Island Lighting Company.

Training and Certifications

40-Hour HAZWOPER Training
Annual 8-Hour HAZWOPER Refresher Training
CPR/First Aid
Air Sampling Technician
New York State Project Monitor
New York State Restricted Handler II Air Sampling Technician

ATTACHMENT 2

SYSTEM DATA SHEET

FRANKLIN CLEANERS
SYSTEM DATA SHEET

DATE:_____

TIME								
Extraction Wells								
EW1-1								
level								
psi								
flow								
EW-2								
level								
psi								
flow								
AirStripper								
Sump level								
fresh air psi								
blower suction ("H2O)								
blower discharge (psi)								
Temperature								
Vapor Phase Carbon								
Lead/Lag unit								
lead psi IN/OUT								
lag psi IN/OUT								
Exhaust SCFM								
temperature								
Wet Well								
Pump 1 (on/off)								
Pump 2 (on/off)								
Level								
Valve Vault								
Pump 1 (psi)								

FRANKLIN CLEANERS
SYSTEM DATA SHEET

DATE:_____

TIME								
Pump 2 (psi)								
Meter Vault								
Pressure								
Flow (gpm/total)								
Jet Pump								
Pressure								
Tank Pressure								
Storage tank Level								
Containment Island								
Status								

Comments: _____

c:/./System Data Sheet.xls

ATTACHMENT 3

STARTUP CHECKLIST

FRANKLIN CLEANERS
SYSTEM DATA SHEET

DATE:_____

TIME								
Extraction Wells								
EW1-1								
level								
psi								
flow								
EW-2								
level								
psi								
flow								
AirStripper								
Sump level								
fresh air psi								
blower suction ("H2O)								
blower discharge (psi)								
Temperature								
Vapor Phase Carbon								
Lead/Lag unit								
lead psi IN/OUT								
lag psi IN/OUT								
Exhaust SCFM								
temperature								
Wet Well								
Pump 1 (on/off)								
Pump 2 (on/off)								
Level								
Valve Vault								
Pump 1 (psi)								

FRANKLIN CLEANERS
SYSTEM DATA SHEET

DATE:_____

TIME								
Pump 2 (psi)								
Meter Vault								
Pressure								
Flow (gpm/total)								
Jet Pump								
Pressure								
Tank Pressure								
Storage tank Level								
Containment Island								
Status								

Comments: _____

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c:/./System Data Sheet.xls

ATTACHMENT 4

MAINTENANCE ACTIVITIES SCHEDULE

Franklin Cleaners Site
Hempstead, New York

MAINTENANCE SCHEDULES

Over and above maintenance schedule suggested below, daily visual inspection of all equipment, piping, flanges, valves, instruments, etc. shall be performed for leakage, unusual noise and proper working.

Typical Maintenance Schedule			
Item	Action	Frequency	Remarks
Cementitious Coatings	----	----	Not Applicable
Paint (Carboline)	Inspection	As Needed	Refer to VOLUME I - TAB 2 Cleaning - Wipe with damp cloth use cleaning detergents/ solution if staining persists
Hand Operated Hoist (Flygt)	Inspection	As Needed	Refer to VOLUME I - TAB 3
Large Diameter Valves, Specials and Appurtennaces (Spears)	Inspection	As Needed	Refer to VOLUME I - TAB 4 No Manufacturer's Maintenance Manual required
Flygt Submersible Pump	Inspection	4,000 hours Continuous Operation 1,000 hours	Refer to VOLUME I - TAB 5 The pump shall be inspected once a year, but more frequently under severe operating conditions. The pump shall be overhauled in an authorized service shop every 3 years. If seals are replaced, oil shall be inspected after one week of operation.
Flygt Submersible Pump Controls	Inspection	As Needed	Refer to VOLUME I - TAB 6 To assure water tight integrity, the hold-down "dog" on the cabinet s hould be secure at all times. A mild protective spray such as CRC 226, should be used bi-monthly on the outer door gasket.
Air Stripper (Carbonair)	Inspection	As Needed	Refer to VOLUME II Appendix A There are several maintenance taskes which must be performed periodically to insure continued trouble free operation, Disassbly/Cleaning, Reassembly, and Replacement Procedure.
Pressure Blower	Inspection	4,000	Refer to VOLUME II Appendix E

Franklin Cleaners Site
Hempstead, New York

MAINTENANCE SCHEDULES

Over and above maintenance schedule suggested below, daily visual inspection of all equipment, piping, flanges, valves, instruments, etc. shall be performed for leakage, unusual noise and proper working.

Typical Maintenance Schedule			
Item	Action	Frequency	Remarks
New York Blower (Carbonair)		hours	Inspect the complete compressor at every 4000 hours of operation. Check the fan wheel for any wear or corrosion and check V-belt for proper alignment and tension. Lengthen or shorten the frequency of inspection (i.e. 4,000 hours) based on the first inspection.
Extraction Well Pumps Grundfos redi-Flo4 Pump (Carbonair)	Inspection	Not Required	Refer to VOLUME II The well pumps do not require any regular maintenance. If any pump stops working or delivering water, before pulling out the pump from the well, perform troubleshooting per the O & M manual.
Extraction and Treatment System Controls	Inspection	As Needed	Refer to Carbonair O&M Manual - VOLUME II Section 3
Carbon Vessel (TetraSolv)	Inspection	As Needed	Refer to VOLUME I - TAB 11
Containment Island (Pressure Island)	Inspection	As Needed	Refer to VOLUME I - TAB 12 Process water reservoir - polypropylene tub shall be inspected regularly Inlet screen- must be cleaned as needed Oil skimmer catch pan - should be checked regularly
Pressure Washer	Inspection	Daily Weekly Monthly	Refer to VOLUME I - TAB 12 Steam Jeany O&M, page 37
Sink Drain (Sink paQ)	Inspection	As Needed	Refer to VOLUME I - TAB 12
Jet Pump (Grunfos JPS4)	Inspection	As Needed	Refer to VOLUME I - TAB 12
Water Tank (X-Trol)	----	----	Refer to VOLUME I - TAB 12 No manufacturer's Maintenance Manual Available
Influent Flow Sensing System (Carbonair)	Inspection	As Needed	Refer toVOLUME II Appendix E

Franklin C[illegible]ners Site
Hempstead, New York

MAINTENANCE SCHEDULES

Over and above maintenance schedule suggested below, daily visual inspection of all equipment, piping, flanges, valves, instruments, etc. shall be performed for leakage, unusual noise and proper working.

Typical Maintenance Schedule			
Item	Action	Frequency	Remarks
Flow Meter (Kent/ABB) (Carbonair)	Inspection	As Needed	Refer to VOLUME II Appendix E
Sump Pump	Inspection	As Needed	Refer to VOLUME I - TAB 15
Ventilation Equipment	Inspection	Periodically 2,000 hours	Refer to VOLUME I - TAB 16 Inspect the belts because they tend to stretch. Check periodically for wear and tightness.
Alarm System			Available under separate O&M cover
Unit Heater - Electrical			Available under separate O&M cover
Control Station			Available under separate O&M cover

ATTACHMENT 5

LUBRICATION ACTIVITIES SCHEDULE

Franklin Cleaners Site
Hempstead, New York

LUBRICATION LIST

Typical Lubrication Schedule				
Item:	*Manufacturers Recommenndation*	*Type Lubricant*	*Qty Per Tank*	*Remarks:*
Grundfos Redi-Flo4 Flygt Submersible Pump	Oil change	Oil		No lubrication required. The oil lubricates and cools the seals; acts as a buffer between tehpump housing and the electric motor.
NYB Pressure Blower Motor & Fan				NLGI Grade 2 - once / 2 months. Lithium based.
Sump Pump	Do not operate dry	Water		Prelubricated at factory. No Lubrication required.
Pressure Washer	Oil change	Oil		
Containment Island	Oil change	Oil		Oil change every 50 hours. Under normal condition
Recirculation Pump				Oil change every 100 hours.

ATTACHMENT 6

DISCHARGE PERMIT EQUIVALENT

TABLE 01651-1

Site No.: 1-30-050

Part 1, Page 1 of 1

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning February 1, 2001

and lasting until January 31, 2006

the discharges from the treatment facility to water index number HB-233, Class SC, RECEIVING WATER shall be limited and monitored by the operator as specified below:

Outfall Number and Parameter	Discharge Limitations			Minimum Monitoring Requirements	
	Daily Avg.	Daily Max.	Units	Measurement Frequency	Sample Type
Outfall 001 - Treated Groundwater Remediation Discharge:					
Flow	Monitor	Monitor	GPD	Continuous	Meter
pH (range)		6.5 to 8.5	SU	2/Month	Grab
Tetrachloroethene		5	ug/L	2/Month	Grab
1,1 Dichloroethene		10	ug/L	2/Month	Grab
1,1,1 Trichloroethane		10	ug/L	2/Month	Grab
Trichloroethene		10	ug/L	2/Month	Grab
cis 1,2 Dichloroethene		10	ug/L	2/Month	Grab
Iron		1.0	mg/L	2/Month	Grab
Manganese		1.0	mg/L	2/Month	Grab

Additional Conditions:

(1) Discharge is not authorized until such time as an engineering submission showing the method of treatment is approved by the Department. The discharge rate may not exceed the effective or design treatment system capacity. All monitoring data, engineering submissions and modification requests must be submitted to:

Chief - Operation Maintenance and Support Section
Bureau of Hazardous Site Control
Division of Environmental Remediation
NYSDEC
50 Wolf Road
Albany, NY 12233-7010

With a copy sent to:

R Schneck, Reg. 1

(2) Only site generated wastewater is authorized for treatment and discharge.

(3) Authorization to discharge is valid only for the period noted above but may be renewed if appropriate. A request for renewal must be received 6 months prior to the expiration date to allow for a review of monitoring data and reassessment of monitoring requirements.

(4) Both concentration (mg/l or ug/l) and mass loadings (lbs/day) must be reported to the Department for all parameters except flow and pH.

(5) Any use of corrosion/scale inhibitors or biocidal-type compounds used in the treatment process must be approved by the department prior to use.

(6) This discharge and administration of this discharge must comply with the attached General Conditions.

ATTACHMENT 7

GRANULAR ACTIVATED CARBON (GAC) ATTACHMENTS

A. Material Safety Data Sheet

B. Nichem Company QA/QC Procedures

C. Vehicle Insurance and Registration

A

MATERIAL SAFETY DATA SHEET

Date: January 10, 2000

Identity: Bituminous Coal Based Activated Carbon
(Includes all grades produced from Bituminous Coal)

Section 1 - Manufacturer

Nichem Company
664 South 21st Street
Irvington, NJ 07111
Tel: 973-399-9810, Fax: 973-399-8818

Section 2 - Ingredients

Component	% by weight	Oral LD50	CAS NO.	TLV values
Activated carbon	100	>10 g/kg	7440-44-0	N/A

Caustion: Wet activated carbon adsorbs oxygen from air. Therefore, the atmosphere in a vessel or confined space may be deficient in oxygen and very hazardous to workers after it is loaded with activated carbon. Before anyone enters such a space, procedures should be followed to ensure ample oxygen availability and to comply with all governmental regulations.

This product is non-hazardous according to the definitions of "health hazard" and "physical hazard" in the OSHA Hazard Communication Law (29 CFR part 1910). Steam activated carbons are excluded from provisions of IATA #395, IMCO Class 4.2 or UN #1362.

Section 3 - Physical/Chemical Characteristics

Boiling Point: N/A
Bulk density (H20=1): 0.4-0.65 g/cc
Vapor pressure: N/A
Melting point: N/A
Vapor density: N/A
Evaporation rate: N/A

Solubility in water: Insoluble

Appearance and odor: odorless black granular solid

Section 4 - Fire and Explosion Hazard Data

Flash point	N/A
Non-flammable	OSHA Method 16CFR 1500.44 (Incorporated by reference in 29CFR 1910.1200)
Not Spontaneously Combustible	DOT Method 49CFR Part 173, Appendix E.
Extinguishing media	Water, copious amounts
Special fire-fighting procedures	None

Unusual fire and explosion hazard: Contact with strong oxidizing agents such as liquid oxygen, chlorine, ozone, or permanganates may result in explosion.
Polymerization will not occur.

Section 5 - Reactivity data

Stability: Extremely stable
Conditions to avoid: acid, water, high humidity.
Incompatibility: strong oxidizing agents as noted in Section IV.

Section 6 - Health Hazard Data

Routes of entry: Ingestion or inhalation (dust)

Health hazards:

Inhalation of dust may cause temporary respiratory discomfort. (The acute inhalation LD50 (rat) is >10 g/kg.)

Carcinogenic or other health effects of long-term low-level exposure: None established
Signs and symptoms of exposure: No consistent patterns have been established.
Medical conditions generally aggravated by exposure: None established
Emergency and first aid procedures:
Eye-- Flush thoroughly with water

Skin-- Wash with water

Ingestion -- Give 2-3 glasses of milk or water to dilute. Contact physician or poison control center promptly for instruction. If vomiting occurs, give more fluids.

Inhalation -- Remove to fresh air. Get medical help if irritation develops.

Emergency Telephone: (800)424-9300

Section 7 - Precautions for Safe Handling and Use

Steps to be taken if material is released or spilled:

Collect and repackage unused carbon or sweep up and dispose in refuse container.

Waste disposal method: Unused activated carbon does not have any of the Federal E.P.A. characteristics of solid hazardous wastes. Dispose in accordance with governmental regulations.

Precautions in handling and storage: Safety glasses or goggles and rubber gloves are recommended. Also, use an approved particulate filter if excessive dust is generated. Wash thoroughly after handling.

Section 8 - Control measures

Respiratory protections: Use a **niosh** approved particulate filter if excessive dust is generated.

Ventilation: Local exhaust is recommended.

Protective clothing: Safety glasses or goggles and rubber gloves are recommended.

B

NICHEM CO. MANUFACTURER OF ACTIVATED CARBONS

Quality Control Protocol

For Manufacturer of Activated Carbon

With more than 35 years of production experience and over 10 years of servicing American markets, Nichem has established a strict quality control program to insure the consistent production of high quality activated carbon. Central to this program is the pre-shipment sample analysis testing that is conducted on each production lot prior to its being released for export and the appointment of a dedicated QC team exclusively for the U.S. market.

The QC team conducts its own analysis tests which confirm or deny the results provided by the production plant. Thus, Nichem has the ability to reject a lot if there exists a discrepancy between the two analysis which indicates the material does not adhere to established specification. Through continuous feedback, the program is maintained at a very high level, thus providing our customer with the product performance that they expect.

Nichem customers have been pleased with the quality of the products that our plant has continuously produced over the years. The primary reason for this is our intimate understanding of the customers requirements and the importance of fulfilling them to his ultimate satisfaction.

All Nichem employees, both staff and plant, are very much aware of the importance of quality control. We feel that being able to guarantee the quality of our activated carbon knowing that adherence is being given to the program, is the strength of our competitive advantage.

664 South 21st Street, Irvington, NJ 07111, Tel: (973)399-9810, Fax: (973)399-8818

C

C

INSURANCE IDENTIFICATION CARD

STATE NJ

COMPANY NUMBER 146

COMPANY Chubb Group Insurance Co.

POLICY NUMBER 7350-39-03

EFFECTIVE DATE 12/15/02

EXPIRATION DATE 12/15/03

YEAR 1990

MAKE/MODEL Chevrole C3500

VEHICLE IDENTIFICATION NUMBER 1GBHC34K4LE203993

AGENCY/COMPANY ISSUING CARD
C & M First Services, Inc.
212-221-3753

INSURED
Nichem Company
7 Rosewood Drive
Hackettstown NJ 07840

COVERAGE MEETS MINIMUM LIABILITY INSURANCE PRESCRIBED BY LAW

Motor Vehicle Services

NEW JERSEY

DIRECTOR
DIVISION OF MOTOR VEHICLES

VEHICLE REGISTRATION

PLATE NO: X150JL GOOD THRU: 11/2003
VIN: 1 1GBHC34K4LE203993
CHE 1990 PKUP GW:22000 AX:2
NICHEM CO COMMERCIAL 11
664 SOUTH 21ST STREET CC:60219 70000 71110
IRVINGTON NJ 07111 RENEWAL PT:CM
FEE: 307.50 RP200225573743901

ATTACHMENT 8

TRANSITION PLAN

TRANSITION PLAN
FOR THE
PLAN OF OPERATIONS

FRANKLIN CLEANERS SITE
Site No. 1-30-050
Hempstead, New York

Prepared for

New York State Department
Of Environmental Conservation

Prepared by

URS
Wayne, New Jersey

Contract No. D004264
Rev. 0 – September 2003

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1.0 TRANSITION PLAN BASIS

This Transition Plan details the plan for transferring responsibility for the Franklin Cleaners groundwater treatment system (GWTS) to a new operations and maintenance contractor (OMC) as selected by the NYSDEC.

The transition period will be scheduled to last 4 weeks.

This Plan is divided into two major sections:

- URS - OMC Relationships
- Turnover and Training

2.0 URS-OMC RELATIONSHIPS

2.1 Operations and Management Responsibility

Transfer of the O&M will begin 11 months after startup and the plant will be transferred to the OMC. At that time, URS will demobilize and discontinue providing assistance and support to the OMC. The transfer will be made on an agreed-upon date and time, and any request by the NYDEC to change the transition schedule should be made 2 weeks in advance.

It shall be the responsibility of the OMC to ensure that its staff is fully prepared to assume the responsibility for all shakedown and O&M activities at the end of the transition period.

URS has no liability for the actions of the OMC or its employees during the transition period.

The OMC's Project Manager is responsible for the actions of his personnel during the transition period. The OMC's Project Manager shall provide clear direction and control of the OMC's personnel as long as URS is responsible for the facility. During the transition period, the OMC's personnel shall serve as a quality control role and get familiar with the GWTS.

The transfer of responsibility for the management of the on-site treatment system extends from the Project Manager to the Plant Manager and the Plant Operators. URS's facility management and their vendors/subcontractors are to be available for consultation during the transition period as per the specification's requirements.

Vendor operations and maintenance manuals along with the O&M Manual are to be made available to the OMC's management team prior to or during the transition period.

URS is not scheduled to add staff or work extended hours in order to accomplish the training objectives during the transition period. The OMC must, therefore, provide experienced staff who are skilled in operating wastewater treatment facilities and who have familiarized themselves with the facility design and procedures prior to the start of the transition period. Due to the limited transition period timeframe, all parties involved including the NYSDEC need to work closely together.

Since office and storage facilities are minimal on the site and will be utilized by URS until the end of the transition phase, the URS will not provide additional office/storage space for OMC personnel during the transition phase.

At the completion of the transition period URS will issue a certificate stating that the required training has taken place, that the plant is in first rate operating condition and that all tools, supplies etc are in stock at the facility.

2.2 OMC's Staff

The OMC will inform URS of his mobilization schedule and staffing. The OMC's staff shall be physically present at the treatment facility, from the beginning of the transition period until the last day of URS responsibility.

At the start of the transition period, the OMC shall assign his operating staff. The OMC's off-site (home office) personnel should also be assigned and be performing their function upon commencing the transition phase.

The OMC's management and staff shall be completely ready to perform all activities once the transition period ends. In order to accomplish this, the bulk of the on-site training of the OMC's personnel will be completed during the first week of the transition period. This, in turn, requires that the OMC's staff be generally familiar with the plant design documents (specifications and drawings), the plant Operations and Maintenance (O&M) Manual, the Site Safety and Health Plan, (SSHP), the Plan of Operations, and the Sampling and Analysis Plan (SAP), prior to starting the shakedown period.

2.3 Transition Schedule

The transition will commence 20 business days prior to completion of URS's contract. During the first 10 days of the transition the Department and /or designated representative will observe the operational procedures, and during the final 10 days the OMC shall operate the plant under the supervision of URS

2.4 Services Subcontracts and Supply Contracts

The OMC shall be responsible for negotiating contracts and documents for all services and supplies needed to operate the GWTS. The OMC may assume the contracts and/or subcontracts previously negotiated by the URS, provided that the contractors and subcontractors mutually agree with the OMC to do so, and provided that the OMC releases URS from all liability associated with the OMC's continuing use of such suppliers and subcontractors.

3.0 TURNOVER AND TRAINING

3.1 Management

A kick-off meeting will be held prior to the transition period with all parties involved. The key management staff of both URS and OMC will attend the kick-off meeting. The meeting minutes will be issued by the OMC for the meeting and copies will be sent to all parties involved

3.2 Personnel Training

Training activities can be categorized into the following basic types:

3.2.1 One-on-One Training

Individual "one-on-one" training will be used to train the OMC's supervisory/management staff. The OMCs shall familiarize themselves with the O&M Manual prior to beginning the training. The O&M Manual will be the document that provides general direction as to the operation of the plant and, therefore, be used during the "one-on-one" training.

3.2.2 On-the-Job Training

"On-the-job" training (OJT) will be the primary method for training the OMC's staff.

3.3 NYSDEC-Owned Equipment

All equipment, tools, parts and supplies that are specifically listed in the Contract Specification as being the property of the NYSDEC or as being required to be turned over to the OMC by URS, will be inventoried by URS, reviewed by the state and accepted by the OMC during the transition period.

A listing of all the NYSDEC-owned equipment, signed by URS, will be provided to the NYSDEC and the OMC. This listing will identify all equipment and the quantity of all supplies. A schedule for timely completion of the NYSDEC-owned equipment inventory will be provided to the NYSDEC by URS at the beginning of the transition period.

All NYSDEC-owned equipment will be turned over to the OMC by the end of the transition period. Approved, qualified personnel of the OMC's organization shall sign that each piece of equipment is in working order as appropriate. In the event that equipment is not operational, URS shall perform the required repairs prior to the transfer of the equipment.

3.4 URS-Owned Equipment

URS-owned equipment and supplies may be either sold to the NYSDEC or to the OMC, or removed at the end of the transition period. A listing of URS's equipment, both available and unavailable for sale, will be furnished to the OMC at the beginning of the transition period and a price will be provided for each item. The NYSDEC or the OMC will have 5 days thereafter to decide on what equipment, if any, will be purchased from the list. URS and the NYSDEC or OMC will negotiate a price for and complete the procurement of the equipment selected prior to the end of the transition period. URS will remove their retained equipment from the plant upon completion of the transition period.

3.5 Consumable Materials and Supplies

Inventory control and purchasing of consumable materials and supplies is maintained by URS, as required. This inventory control including scope of supply and purchasing practices will be turned over to the OMC at the end of the transition period.

3.5.1 Chemicals

- Activated Carbon

3.5.2 Supplies

These consist of all the consumable items other than chemicals. They will be identified as to the approximate quantity required, the supplier used and any specific ordering requirements.

3.6 Safety

The OMC will be required to develop and implement it's own SSHP

3.7 Waste Material

The arrangements and procedures for the disposal of carbon from the site will be established in the O&M Manual and the Plan of Operations. Standard practices for handling the pickup and shipments, as well as the required manifest document completion for disposal of hazardous wastes, will be described and demonstrated.

3.8 Utilities

Arrangements will have to be coordinated for the transfer of all site utility services from URS to OMC responsibility. The utilities include electric and telephone service. URS will provide current account information and contacts as necessary to facilitate the turnover of responsibility by the end of the transition period. All fees associated with this transfer will be the responsibility of the OMC.

ATTACHMENT 9

SPILL PREVENTION/CONTROL PLAN

SPILL PREVENTION/CONTROL PLAN
FOR THE
GROUNDWATER TREATMENT SYSTEM

FRANKLIN CLEANERS SITE
Site No. 1-30-050
Hempstead, New York

Prepared for

New York State Department
Of Environmental Conservation

Prepared by

URS
Wayne, New Jersey

Contract No. D004264
Rev. 0 – September 2003

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LIST OF ATTACHMENTS

1.0 PURPOSE

It is the intention of this Spill Control Plan to provide the minimum guidance protocols necessary for offensively controlling on-site releases of:

- Plant influent
- Contaminated soils and groundwater
- Vapor phase media

This Plan, in conjunction with Section 12.0 of the Project's Site Safety, and Health Plan (SSHP) shall promote a fast, effective rapid response for coping with emergencies of this nature. Attachment 2 includes a reference table for immediate notification to federal, state, and local agencies. Attachment 2 shall be posted in the operations area. This Plan also provides proactive measures for project staff in matters pertaining to spill prevention. This Spill Prevention/Control Plan has been prepared in accordance with the provisions stated in URS Safety Management Standard 003 *Emergency Action Plans.*

URS recognizes the importance of continual training and education for site staff regarding standard spill prevention techniques and practices that will limit the migration of spills should they occur. URS shall also provide and maintain spill prevention and control equipment allowing URS personnel to reduce and/or eliminate potential health and environmental impacts from these types of events. Protection of site staff, the surrounding community, and environment are of paramount importance.

2.0 SCOPE

This Plan will provide or reference emergency actions and notification protocols for an offensive response to on-site and off-site spills containing the aforementioned materials. The special equipment and supplies, procedures, and training required for an immediate offensive response are discussed.

3.0 REFERENCES

1. U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) Standard 20 CFR 1910.120 " Hazardous Waste Operations and Emergency Response"

2. Project "Site Safety and Health Plan"

3. U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) Standard 20 CFR 1910, "Occupational Safety and Health Standards"

4. U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) Standard 20 CFR 1926, " Safety and Health Regulations for Construction"

5. U.S Department of Transportation (DOT) Standard 49 CFR 177 "Carriage by Public Highway"

6. U.S Environmental Protection Agency (EPA) Standard 40 CFR 262 "Generators of Hazardous Waste"

7. URS Health and Safety Program and Management System, Applicable Standards

4.0 DEFINITIONS

4.1 Spill is any on-site or off-site diminutive loss of any of the following: hazardous materials, plant influent, contaminated soil and/or groundwater, plant effluent, process sludge, and vapor phase media. Spills occurring inside the Treatment Plant proper and/or into designed containment cells are exempt from reporting unless said containment, system is breached or fails. Spills are also defined as loss resulting from traffic accidents occurring during off-site transportation of project waste or when receiving and off-loading either reportable or non-reportable quantities of hazardous materials (process chemicals).

4.2 Major Spill is a defined as a release that may have immediate or long-term harmful effects to workers, the surrounding community, and/or environment in which the magnitude is so severe that external intervention must be summoned and/or public instructions given.

4.3 Minor Spill is a release that presents little or no risk to the worker, the surrounding community, or the environment. Minor spills **must** be reported.

4.4 Controlled Access Area is a staging area established by the project health and safety officer, upwind of the incident, exclusively utilized for administrative purposes.

4.5 Emergency (event) is a significant deviation from planned or expected operations or behaviors that endanger or adversely affect people, property, or the environment.

4.6 Incident is an unusual situation or occurrence with possible local consequences within the project but does not pose a significant hazard to the general public.

4.7 Exclusion Zone is an area to which access is limited because of health and safety hazards which may occur as a result of entry into the area. During major spills, evacuation may be the best option. In other situations, in-situ protection or a combination of both may be suitable. The size of the exclusion zone will depend on a number of factors for a given situation that include:

The Hazardous Material:

- Degree of health hazard
- Amount involved
- Spill/release containment/control
- Rate of vapor movement

The Population Threatened

- Location
- Number of people
- Time to evacuate or protect in-situ
- Building types and availability
- Special institutions or populations, e.g., nursing homes, hospitals

Weather Conditions

- Effect on vapor and cloud movement
- Potential for change
- Effect on evacuation or in-situ protection

5.0 PROCEDURES

Project personnel must be prepared to respond quickly and effectively to any spill situation in order to protect the workers, the public and the environment as specified in 29 CFR 1910.120

Project personnel are required to notify the Project Manager (PjM) and the Collateral Health and Safety Officer (CHSO) of any spill. Hazardous materials spills may result in personal injury, poor public relations, and potential liability. Typical spills may be a result of:

- Transportation accidents
- Improper packaging practices
- Rupture of vessels or other on-site storage containers

- Handling hazardous materials during off-loading
- Human error
- Containment system failure

5.1 Responsibilities

This section defines the responsibilities for major and minor spills that occur either on-site or off-site. When URS is responsible for the spill cleanup, the notification of the incident shall be done in compliance with the SSHP.

Upon notification of a spill, the PjM and SSHO shall assess, formulate, and then implement the appropriate response measure(s). The PjM shall make all necessary contacts for notification which include:

- NYSDEC personnel
- Appropriate Federal, State, and local authorities

5.1.1 Supervisory

The PjM, working with the CHSO, shall be initially responsible for identifying an Emergency Response Team (ERT) which shall respond offensively to an emergency spill. The CHSO will serve as the ERT leader. In instances where external emergency response agencies are notified, the most senior officer arriving in the first vehicle will take responsibility of the scene. The PjM shall then actively advise the responding officer in charge or Incident Commander. The individual serving as Incident Commander may change as higher-ranking officials and/or senior officers arrive on the scene. The URS Eastern Regional Health and Safety Manager (RHSM) shall also be contacted by the PjM or CHSO in the event technical direction beyond that available on-site is required for internal interventions.

5.1.2 Essential Personnel

Personnel identified to be essential to the ERT are qualified under the experience provision defined in 29 CFR 1910.120 (q) (6) (i) (A,B,C,D,E,F) and (ii) (A,B,C,D,E,F). They will respond immediately and offensively when notified and report to the ERT leader. Project personnel have worked extensively with all potential types of materials identified in this plan and therefore, are exempt from the additional training provisions specified in the aforementioned regulations.

5.1.3 Non-Essential Personnel

Personnel who are non-essential to the spill cleanup activities shall evacuate the affected area(s) under the direction of the CHSO or by external Incident Command.

5.2 Emergency Response Planning

Section 12.0 of the SSHP contains an Emergency Response Plan, which provides guidance to the ERT for anticipated emergency spills. The Operations and Maintenance Manual will define internal plant systems and shutdown procedures which may be required as part of the overall offensive response.

5.2.1 Emergency Response Plan

The Emergency Response and Contingency Plan shall address:

- Pre-emergency planning
- Personnel roles, lines of authority, training, and communication
- Emergency recognition and prevention
- Safe distances and places of refuge
- Site security and control
- Evacuation routes and procedures
- Emergency decontamination
- Emergency medical treatment and first aid
- Emergency alerting and response procedures
- Critiques of response and follow-up
- PPE and emergency equipment

5.2.2 Emergency Response Team (ERT)

The ERT shall consist of the Project Manager, Collateral Health and Safety Officer, and qualified and suitably trained URS staff and support zone staff.

5.2.3 ERT Leader

The ERT leader will direct emergency activities at the spill site and assure that all health and safety equipment and supplies needed for a spill are readily available and properly used.

The CHSO, or appointed designee, as ERT Leader, shall:

- Have a thorough understanding of the emergency response plan for spills

- Assess the need for external emergency response with the PjM
- Assure equipment is available to respond in a timely manner
- Direct the ERT initially during the emergency response until relieved by external Incident Command (if summoned)
- Assure the timely completion and submittal of required reports

5.2.4 ERT Members

The members of the ERT shall be instructed on the suspected type(s) of responses they may encounter on the project. ERT members shall be familiar with the required personal protective equipment and spill response equipment and/or techniques used to offensively contain the incident scenes.

5.3 Notification for Major Spills

The URS Project Manager shall promptly notify the NYSDEC representative after the initial assessment has been completed. Additionally, the Project Manager is responsible for summoning external emergency response agencies as required. The Project Manager shall notify Federal, State, and local agencies as applicable using the contact numbers listed in Attachment 2.

5.3.1 Notification of Accidental Discharge

The NYSDEC will be notified when any of the following operating exceptions occur:

- An accidental discharge
- A discharge of non-routine nature
- A discharge of episodic nature
- A non-customary batch discharge
- A slug load to the sewer system
- Any situation having the potential to harm the sewer collection system
- Any situation having the potential to harm the environment
- Any situation having the potential to harm human health

5.4 Equipment and Supplies

The CHSO will maintain the equipment and supplies necessary to delineate the affected area and offensively control and/or contain further migration of the spill. These supplies are listed in Attachment 1. The Project Manager shall ensure adequate budget is available for the materials and supplies required for total spill response. The SSHO is responsible to maintain equipment and supplies listed in Attachment 1.

5.4.1 Maintenance and Inventory

The CHSO shall be responsible for ensuring an adequate supply of emergency response equipment and supplies are always available on-site. In general, the items listed in Attachment 1 are standard inventory items used during routine or non-routine project operations and are available on-site at all times.

Containment equipment such as tubs, and portable booms used during routine off-loading of hazardous materials are maintained by plant operators and are used during all transfer operations. URS plant operators overseeing transfers of hazardous materials will ensure all delivery drivers are wearing the proper PPE required and that all cam-lock hose connections have secondary security devices in-place prior to beginning any transfer activity. These are proactive measures taken to minimize the effects to human health and the environment should a failure occur.

The CHSO shall maintain all emergency response equipment and supplies in good working condition. Most equipment and PPE requirements for emergency response are standard inventory items used during routine or non-routine project operations and are available on-site at all times in quantities which in most instances exceed that which is specified in Attachment 1.

5.5 Training

On any given day, URS staff members are making critical decisions that will maintain a safe working environment or could adversely affect it. URS recognizes that an efficient training program for emergency response must be both proactive and reactive. The CHSO shall provide a training agenda that incorporates both spill prevention and response that will encompass all activities that occur at project. There are multiple opportunities for preventative measures to be employed for the numerous activities conducted on-site. Portions of the training will focus on these prevention and minimization techniques so that the spills are averted.

Since there is minimum staff at the Franklin Cleaners Project, staff members shall be trained in the contents of this Plan and Section 12.0 of the Franklin Cleaners SSHP. It is the responsibility of the PjM to provide adequate time in the schedule in order to conduct ERT critiques at the conclusion of any response. The majority of the ERT training will be conducted as part of the project's routine weekly-extended safety briefings conducted by the CHSO. Other portions of the training will be conducted annually and will include at a minimum:

- Proper use of special emergency response equipment
- Proper practice for spill assessment

- Proper practice for spill containment
- Proper practice for cleanup of spills
- Responsibilities of assigned roles and communications
- Procedures for spill reporting
- Conducting Emergency Response Drills involving the participation of local emergency response agencies (Fire, EMS, Township ER Coordinators)

5.6 Response Procedures for Major Spills

All non-essential and unrelated work will cease. In the event or likelihood of rain, special consideration shall be required to preclude the migration of contamination into storm sewers or other potential run-off areas.

Immediately upon notification of a spill, the Project Manager shall notify the CHSO who will alert ERT members. The CHSO and Project Manager shall perform an initial assessment in which immediate and appropriate offensive measures to stop the spill (i.e. shut down a pump from the control room) can be taken.

Upon completing the initial assessment, the Project Manager shall notify the NYSDEC representative in addition to any appropriate Federal, State, and local authorities. Notification numbers are listed in Attachment 2.

The CHSO shall brief the ERT on the situation and assign the appropriate level of personal protective equipment required for the response. The Project Manager and/or CHSO will brief responding agency(s) summoned upon arrival. There may be several personnel changes in Incident Command as higher-ranking officials arrive on the scene.

For any life-threatening injury or illness, or for any situation where primary medical attention is necessary, medical care shall take precedence over contamination monitoring and/or decontamination using common sense to minimize exposure. First aid shall be administered by trained and qualified individuals only.

The ERT shall proceed directly to the upwind location of the spill with the necessary emergency equipment and supplies.

During a hazardous materials spill cleanup, the CHSO shall:

- Monitor for exposures to chemical contamination and heat related illness

- Determine the need for additional protective equipment and apparel
- Identify additional restricted work areas and controlled access areas
- Provide technical cleanup guidance

The Project Manager will coordinate the control of the spill scene with the CHSO and be responsible for directing the work crews.

The contaminated area(s) of the spill scene shall be physically identified using methods such as barricades, stakes, and tapes.

The Project Manager and CHSO shall remain at the spill scene during cleanup activities until the scene is secured or released by the Project Manager.

Upon cleanup of the majority of the spill, the CHSO shall assist in defining the limits of contamination and maintaining controlled access areas.

The CHSO will notify the URS Regional Health and Safety Manager when technical information is required beyond that which is available at the scene. The Regional Health and Safety Manager shall also receive a copy of the URS Incident Report in accordance with URS Safety Management Standard 040 *Incident, Injury and Illness Reporting* which is completed by the CHSO and signed by the Project Manager.

The final clearance determination of an incident scene shall be made by the Project Manager or appointed designee and be based on the DOT/EPA/OSHA release criteria. Emergency responses in which external agencies are summoned will receive final clearance determination upon agreement between external Incident Command, the NYSDEC, the URS Project Manager and any other Federal, State, or local agency representative summoned to the scene.

5.6.1 SWIM Procedure

For hazardous material spills, the general offensive guidance in the SWIM procedure is as follows:

- **S**top the spill
- **W**arn others
- **I**solate the spill
- **M**inimize exposures

5.6.2 Off-Site Communications

Communication with local off-site emergency agencies (Police, Fire, EMS medical personnel, etc.) shall be through the Project Manager. The Project Manager shall notify the NYSDEC representative and URS Project Management once the initial assessment has been completed.

All URS personnel shall refrain from speaking with members of the media. If questioned by the media, URS personnel shall respond saying "no comment."

5.6.3 Subcontractor Off-Site Spills

Each subcontract agreement issued for bid which requires the subcontractor to transport hazardous materials over public access and/or roadways shall contain a statement to the effect that:

"In the event of a contaminated materials spill, the subcontractor shall be responsible for: (1) prompt cleanup of the spill, and (2) prompt notification of Project Management and appropriate law enforcement agencies and implementation of safe and timely traffic control measures. Subcontractor shall provide and continuously maintain equipment and materials, as necessary, to effectively control and clean up spilled materials."

The subcontractor will submit a spill control plan for approval prior to any work. The CHSO will be responsible for designating a URS representative to investigate an off-site spill. The Project Manager and CHSO shall assist the subcontractor as needed and submit a preliminary report to the NYSDEC representative within 48 hours.

The subcontractor will:

- Submit an Emergency Response Plan to the Project Manager for review prior to the start of work.
- Notify the Project Manager of any spill.
- Assume responsibility for spill cleanup activities.
- Submit an incident report to the Project Manager within 48 hours of the spill event.
- Submit a final report to the Project Manager at completion of cleanup activities.

5.6.4 On-Site Minor Spills

The CHSO or Project Manager shall remain at the scene during all cleanup activities, until the scene is secured or released by the Project Manager and a NYSDEC project representative. The CHSO is responsible for:

- Coordinating all the cleanup activities
- Directing minor spill cleanup activities
- Defining the limits of contamination and maintaining controlled access areas
- Completing and/or reviewing an Incident Report Form
- Submitting an Incident Report Form to the Regional Health and Safety Manager

5.7 Documentation/Recordkeeping

After cleanup of a spill, the CHSO shall document that potentially contaminated surfaces have been cleaned to levels at or below appropriate "release for unrestricted use" guidelines.

The CHSO shall provide documentation of major and minor spills, in writing, to the Regional Health and Safety Manager.

The Incident Report Form shall specify, at a minimum, the following:

- Date of Spill
- Type of Spill
- Size of Spill
- Cause of Spill
- Cleanup procedure
- Preventative Action

The CHSO shall keep a detailed log of emergency spill activities.

For major spills, the Project Manager will be responsible for submitting an incident report to Senior Project Management and provide a copy to the Regional Health and Safety Manager within 24 hours of the spill. As a minimum, this report shall include the information listed above, a record of any interaction with any public officials and off-site emergency assistance agencies, and a record of any public and/or environmental exposures.

5.8 Critique of Spill Response

A formal critique of the spill response shall be conducted by the Project Manager in order to gather information pertinent to the incident. A summary of recommendations, obtained at the critique to prevent similar spill recurrence and methods to improve response procedures, shall be included in the documentation.

ATTACHMENT 1

RESPONSE EQUIPMENT

RESPONSE EQUIPMENT

FRANKLIN CLEANERS
HEMPSTEAD, NY

All listed items are standard inventory items used during routine or non-routine project operations and are available on the Franklin Cleaners site when site is manned.

- 2 each Pointed Shovels
- 2 each Flat Shovels
- 4 each Barrier Tape "Caution Do Not Enter"
- Hazardous Waste Labels
- Fire Extinguishers
- Portable Eye Wash Station
- Portable Decontamination Station (garden sprayer, brushes, decontamination agent spray bottle, boot washes)
- Duct tape
- 1 each Drive Ratchet Wrench with 15/16 deep socket
- First-aid kit
- Sanitary wipes
- Trash can liners (55 gallon)
- Disposable Saranex Coveralls, multiple sizes, elastic wrist, ankle, w/ hood, w/ Sealed Seams
- Disposable Poly-Coated Tyvek, multiple sizes, elastic wrist, ankle, w/ hood
- Nitrile Inner Surgical Gloves
- Nitrile/Latex Outer Work Glove
- HAZMAT Boots w/Steel Toe
- Full-face Air Purifying Respirators w/ Organic vapor/acid gas/ HEPA cartridge
- Faceshield, goggles, Hard hats

ATTACHMENT 2

EMERGENCY NOTIFICATION NUMBERS

EMERGENCY NOTIFICATION NUMBERS

FRANKLIN CLEANERS
HEMPSTEAD, NY

ROCKVILLE CENTER EMERGENCY MEDICAL SERVICE (EMS)	(516)-742-3300*
ROCKVILLE CENTER FIRE RESCUE & EMERGENCY SERVICE	(516)-742-3300*
ROCKVILLE CENTER POLICE DEPARTMENT	(516)-766-1500*
NY STATE POLICE @ REPUBLIC AIRPORT	(516) 756-3300*
Critical Care Facility: Mercy Hospital Emergency Room 1000 North Village Ave Rockville Centre NY	(516) 705-1210
Non-Critical Care Facility: Dr. Vincent Alfieri 292 Herricks Rd Mineola NY	(516) 294-8910
New York State Spill Response Hotline	(518) 457-7362
National Spill Response Center	(800) 424-8802
POISON CONTROL CENTER	(516) 542-2323
WorkCare (URS Medical Consultant, Dr. Peter Greaney)	(800) 455-6155
Federal OSHA Hot Line	(800) 321-6742
URS OCCUPATIONAL HEALTH SPECIALISTS: Jeanette Schrimsher, RN	Work: (512) 419-6440 Fax: (512) 419-6440
URS REGIONAL HEALTH & SAFETY MANAGER: Millard P. Griffin, Jr. CIH, CSP	Work: (770) 345-9760 Cell: (770) 315-5900
OFFICE HEALTH AND SAFETY COORDINATOR: William Mueller	Work: (856) 582-6000 Cell: (609) 970-1727
URS PROJECT MANAGER: Kenneth Sullivan	Work: (973) 812-6869 Cell: (908) 513-6434
URS SITE MANAGER/COLLATERAL SAFETY OFFICER: Greg Gangemi	Work: (631) 845-5617 Cell: (631) 235-9422
URS WAYNE, NJ OFFICE MANAGER: Kenneth Kaufman	Work (973) 812-6853
DIVIRKA & BATILUCCI, PROJECT MANAGER: Frank Devita	Work: (516) 364-9890
NYSDEC REGION I PROJECT MANAGER: Jeff Trad	Work: (518) 402-9414
NYSDOH (NASSAU COUNTY)	(516) 571-3410
NYSDOH	(518) 474-2121
ROCKVILLE CENTER ELECTRIC COMPANY	(516) 766-9273
ROCKVILLE CENTER WATER DEPARTMENT	(516) 678-9252
KEY SPAN GAS COMPANY	(800) 272-4480
NATURAL GAS EMERGENCY	(800) 490-0045

*** Emergency Calls made with a cellular phone will require the caller to identify the exact location of the emergency to the dispatcher.**

ATTACHMENT 3

HAZARDOUS MATERIALS INVENTORY

HAZARDOUS MATERIALS INVENTORY

FRANKLIN CLEANERS
HEMPSTEAD, NY

- Granular Activated Carbon


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